



Model	GA116L	GA216L	GA116I	GA216I	GA116B	GA216B	824 Smart Sensor
Specification							
Class	1	2	1	2	1	2	Economics
Standard*	IEC61672-1: 2002 IEC60651: 2001 IEC60804: 2000				IEC60651: 2001		--
Lp (SPL)	√	√	√	√	√	√	√
Leq	√	√	√	√			
Lmax	√	√	√	√	√	√	√
Lmin	√	√					
Pmax	√	√	√	√	√	√	
Ln's(Percentile)	√	√					
LE(SEL)	√	√					
%DOSE	√	√	√	√			
Projected %DOSE			√	√			
Lep'd(Lex)	√	√	√	√			
%DOHR(DOSE/hour)	√	√	√	√			
Pa2h	√	√	√	√			
Measuring Range	30~140dB		35~140dB				30~130dB
Weighting A, C, Z (Flat)	A, C, Z		A, C				A, C
Response	Fast, Slow, Impulse, Peak		Fast, Slow, Peak				Fast, Slow
Real-time clock	√	√					
Data-logging	√	√					
Output	USB	USB					

* IEC 61672-1:2002(Integrating, Sound exposure, Sound level meter,)

* IEC 60651:2001 (Sound Level Meter)

* IEC 60804:2000 (Integrating Function)

Acoustic Calibrator:

GA601 Single Level Sound Meter Calibrator:

It produces a calibration tone of 1KHz at a level of 94dB. It is supplied with 1/2-inch cavity. IEC942 Type 2

GA607 Dual Level Sound Meter Calibrator

It produces a calibration tone of 1KHz at a level of 94dB and 104db It is supplied with 1/2 inch cavity. IEC942 Type1



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GA131 Pro-DX VOCIS Sound Level Meter



- Touch case for all weathers construct of Castle Pro-DX
- Waterproof and Dustproof
- Real time 1/1 octave and 1/3 octave analysis
- Statistics analysis
- SPL, LEQ shown
- RS232 for connection to computer
- Connect to printer (optional)
- Use with software to handle data (optional)



Model	GA131I	GA131E	GA131C	GA131M	GA131B
IEC 60651	Yes	Yes	Yes	Yes	Yes
IEC 60804	Yes	Yes	Yes	Yes	Yes
1/1octaves	Yes	No	Yes	Yes	Yes
1/3 Octaves	No	No	No	Yes	No
Percentiles (Lns)	NIL	7	7	7	No
Hearing Protection Database	Yes	No	Yes	Yes	No
Measuring Range	20~140 db				
Frequency Range	12.5Hz~20kHz				
Time Weightings	slow, fast, impulse, peak				slow, fast
Frequency Weightings	A/C/Z				
Output	AC, DC, RS-232				

GA2002 Pocket Vibration Meter

Can be used to test whether the vibration induced by piling and repair works exceed the standard or not



- Acceleration: 0.01 to 10g/1 to 100g
- Velocity: 0.1 to 100mms⁻¹/1 to 1000 mms⁻¹
- Displacement: 1 to 100µm/10 to 1000µm
- Display: 8 character LCD display
- Memory can hold calibration data plus storage of 9 spot results
- Standards: BS6842 compliance with EMC CE Marking
- Simple calibration offset accessed from the keypad and stored in the non-volatile memory
- GA2002 with standard accessory:
 1. KD1001 Basic Accelerometer
 2. ZL1094-M12 Accelerometer Cable
 3. KD1204 Magnetic Mount
 4. KD1206 Small Spike Probe
 5. KA013 carrying case

GA2005 Series Vibration Meter with Data Logging for Industrial and Environment Testing

Can be used to investigate the process of high frequency machine and the vibration of building and working environment

- Frequency Range: 1Hz~6.3KHz (see accelerometer frequency range)
- KD1003 Standard Accelerometer For Engineering Vibration (Single Axis) Sensitivity: 100mV/g, Range (F.S.)+/-80g Frequency: 2~13000Hz+/-5%
- Standards: ISO8041: 1990 type1, BS4675: 1978, ISO2954: 1975
- Level Range (engineering): RMS range: 0.001~500m/s² Peak range: 0.02~700m/s²
- Detector: RMS, Rmq and Peak
- Units: ms⁻², cm/s², g, dB, mms⁻¹, um
- Measurement Parameter Arms, Amin, Amax, Aeq. Amp, PEAK, Velocity, Displacement
- Memory: 4MB on-board flash, 2MB available for data Storage
- Standard Accessories
 1. KD1003 Standard Accelerometer
 2. ZL1097-FLEX Flexible Coil Accelerometer Cable
 3. KD1205 Large Spike Probe



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